



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)



Bib Data Sheet

CONFIRMATION NO. 4092

SERIAL NUMBER 10/637,452	FILING OR 371(c) DATE 08/08/2003 RULE	CLASS 123	GROUP ART UNIT 3747	ATTORNEY DOCKET NO. 00-644
-----------------------------	--	--------------	------------------------	----------------------------------

**APPLICANTS**

Scott F. Shafter, Morton, IL;  
 Alan R. Stockner, Metamora, IL;  
 Norval J. Wiemken, Dwight, IL;  
 Ye Tian, Bloomington, IL;

**\*\* CONTINUING DATA \*\*\*\*\*****\*\* FOREIGN APPLICATIONS \*\*\*\*\*****IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 11/07/2003

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY IL	SHEETS DRAWING 9	TOTAL CLAIMS 38	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

**ADDRESS**

Caterpillar Inc.  
 Intellectual Property Dept. AB6490  
 100 N.E. Adams  
 Peoria ,IL 61629-6490

**TITLE**

HYDRAULIC FUEL INJECTION SYSTEM WITH INDEPENDENTLY OPERABLE DIRECT CONTROL NEEDLE VALVE

FILING FEE RECEIVED 1374	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------	---	---